

# **AUTOMATED AND SECURE DIGITAL MOBILE VIDEO MONITORING AND RECORDING**

## Abstract of the Disclosure

5           A system, method and data unit for automated and secure digital mobile  
video recording and monitoring are provided where the system includes an  
authenticated acquisition subsystem for digitally watermarking video data, a  
video management subsystem in signal communication with the authenticated  
acquisition subsystem for storing, viewing and verifying the digitally watermarked  
10 video data, and a secure wireless video transfer subsystem for signal  
communication between the acquisition and management subsystems; the  
method includes digitally watermarking video data, verifying the digitally  
watermarked video data, and coordinating communications of video data; and  
the data unit is a digital video data file encoded with signal data having block  
15 transform coefficients indicative of a secure digital mobile video recording, the  
coefficients collectively indicative of an original video data sequence with a  
secure watermark, the secure watermark including a plurality of signatures.